

000000	AAAAAA	FFFFFFFF	DDDDDDDD	EEEEEEEEEE	FFFFFFFFFF
000000	AAAAAA	FFFFFFFF	DDDDDDDD	EEEEEEEEEE	FFFFFFFFFF
00	AA	FF	DD	EE	FF
00	AA	FF	DD	EE	FF
00	AA	FF	DD	EE	FF
00	AA	FF	DD	EE	FF
00	AA	FFFFFFFF	DD	EEEEEEEE	FFFFFFFF
00	AA	FFFFFFFF	DD	EEEEEEEE	FFFFFFFF
00	AAAAAAAAAA	FF	DD	EE	FF
00	AAAAAAAAAA	FF	DD	EE	FF
00	AA	FF	DD	EE	FF
00	AA	FF	DD	EE	FF
00	AA	FF	DD	EE	FF
000000	AA	FF	DDDDDDDD	EEEEEEEEEE	FF
000000	AA	FF	DDDDDDDD	EEEEEEEEEE	FF

....

....

....

....

SSSSSSSS	DDDDDDDD	LL
SSSSSSSS	DDDDDDDD	LL
SS	DD	DD
SS	DD	DD
SS	DD	DD
SS	DD	DD
SSSSSS	DD	DD
SSSSSS	DD	DD
SS	DD	DD
SS	DD	DD
SS	DD	DD
SS	DD	DD
SSSSSSSS	DDDDDDDD	LLLLLLLLLL
SSSSSSSS	DDDDDDDD	LLLLLLLLLL

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```

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*****

```

CV
VO


```
module $OAFDEF;
```

```
/*  
/* USER AUTHORIZATION FILE FORMAT  
/*--
```

```
aggregate OAFDEF structure prefix OAF$;
```

```
  USERNAME character length 12;
```

```
  PWD_OVERLAY union fill;
```

```
    PWD quadword unsigned;
```

```
    PWD longword unsigned;
```

```
  end PWD_OVERLAY;
```

```
  ACCOUNT character length 8;
```

```
  UIC_OVERLAY union fill;
```

```
    UIC longword unsigned;
```

```
    UIC_FIELDS structure fill;
```

```
      MEM word unsigned;
```

```
      GRP word unsigned;
```

```
    end UIC_FIELDS;
```

```
  end UIC_OVERLAY;
```

```
  DEFDIR character length 32;
```

```
  DEFDEV character length 16;
```

```
  DEFCLI character length 9;
```

```
  ENCRYPT byte unsigned;
```

```
  constant(
```

```
    AD_II
```

```
    Purdy
```

```
  ) equals 0 increment 1 prefix OAF tag $C;
```

```
  CPUTIM longword unsigned;
```

```
  PRIV quadword unsigned;
```

```
  BIOLM word unsigned;
```

```
  BYTLM word unsigned;
```

```
  DIOLM word unsigned;
```

```
  FILLM word unsigned;
```

```
  TQCNT word unsigned;
```

```
  PRCCNT word unsigned;
```

```
  WSQUOTA word unsigned;
```

```
  DFWSCNT word unsigned;
```

```
  ASTLM word unsigned;
```

```
  ENQLM word unsigned;
```

```
  PGFLQUOTA longword unsigned;
```

```
  OWNER character length 32;
```

```
  FILPRT word unsigned;
```

```
  PRI byte unsigned;
```

```
  FLAGS_OVERLAY union fill;
```

```
    FLAGS byte unsigned;
```

```
    FLAGS_BITS structure fill;
```

```
      DISCTLY bitfield;
```

```
      DEFCLI bitfield;
```

```
      LOCKPWD bitfield;
```

```
      CAPTIVE bitfield;
```

```
      DISACNT bitfield;
```

```
      DISWELCOM bitfield;
```

```
      DISMAIL bitfield;
```

```
/* USERNAME
```

```
/* HASHED PASSWORD
```

```
/* 32 BIT SUBFIELD
```

```
/* ACCOUNT NAME
```

```
/* USER ID CODE
```

```
/* MEMBER SUBFIELD
```

```
/* GROUP SUBFIELD
```

```
/* DEFAULT DIRECTORY (counted string)
```

```
/* DEFAULT DEVICE (counted string)
```

```
/* DEFAULT COMMAND INTERPRETER
```

```
/* ENCRYPTION ALGORITHM
```

```
/* ENCRYPTION CODES
```

```
/* AUTODIN-II 32 BIT CRC CODE
```

```
/* Purdy POLYNOMIAL OVER SALTED INPUT
```

```
/* CPU TIME QUOTA
```

```
/* PROCESS PRIVILEGE VECTOR
```

```
/* BUFFERED I/O LIMIT
```

```
/* BUFFERED I/O BYTE COUNT LIMIT
```

```
/* DIRECT I/O LIMIT
```

```
/* OPEN FILE LIMIT
```

```
/* TIMER QUEUE ENTRY LIMIT
```

```
/* SUBPROCESS CREATION LIMIT
```

```
/* WORKING SET SIZE QUOTA
```

```
/* DEFAULT WORKING SET SIZE
```

```
/* AST QUEUE LIMIT
```

```
/* ENQUEUE LIMIT
```

```
/* PAGE FILE QUOTA
```

```
/* OWNER'S NAME
```

```
/* DEFAULT FILE PROTECTION
```

```
/* BASE PROCESS PRIORITY
```

```
/* USER FLAGS BYTE
```

```
/* DON'T ALLOW USER CONTROL-Y
```

```
/* ONLY ALLOW USER DEFAULT CLI
```

```
/* DISABLE SET PASSWORD COMMAND
```

```
/* NO OVERRIDES ALLOWED ON LOGIN-EG /DISK
```

```
/* DON'T ALLOW INTERACTIVE LOGIN
```

```
/* FLAG TO ALLOW LOGIN TO SKIP WELCOME
```

```
/* FLAG TO ALLOW LOGIN TO SKIP NEW MAIL
```

```

end FLAGS BITS;
end FLAGS OVERLAY;
LEVEL longword unsigned;
LGICMD character length 32;
MAIL word unsigned;
PBYTLM longword unsigned;
SHRFILLM word unsigned;
USRDATOFF word unsigned;
SALT word unsigned;
WSEXTENT word unsigned;
PDAYHOURS OVERLAY union fill;
    PDAYHOURS longword unsigned;
    PDAYHOURS_FIELDS structure fill;
        FILL 7 byte dimension 3 fill prefix OAFDEF tag $$;
        PDAYFLAGS OVERLAY union fill;
            PDAYFLAGS byte unsigned;
            PDAYFLAGS BITS structure fill;
                DISDIALUP bitfield;
                DISNETWORK bitfield;
            end PDAYFLAGS BITS;
        end PDAYFLAGS OVERLAY;
    end PDAYHOURS_FIELDS;
end PDAYHOURS OVERLAY;
SDAYHOURS OVERLAY union fill;
    SDAYHOURS longword unsigned;
    SDAYHOURS_FIELDS structure fill;
        FILL 8 byte dimension 3 fill prefix OAFDEF tag $$;
        SDAYFLAGS byte unsigned;
    end SDAYHOURS_FIELDS;
end SDAYHOURS OVERLAY;
MAXPROC byte unsigned;
MAXGRPROC byte unsigned;
PRIMEDAYS OVERLAY union fill;
    PRIMEDAYS byte unsigned;
    PRIMEDAYS BITS structure fill;
        MONDAY bitfield;
        TUESDAY bitfield;
        WEDNESDAY bitfield;
        THURSDAY bitfield;
        FRIDAY bitfield;
        SATURDAY bitfield;
        SUNDAY bitfield;
    end PRIMEDAYS BITS;
end PRIMEDAYS OVERLAY;
MAXDETACH byte unsigned;
BYTLM longword unsigned;
CLITABLES character length 32;
QUEPRI byte unsigned;
JTQUOTA longword unsigned;

```

```

/* FOR RECORD AND FILE LEVEL INFO
/* LOGIN COMMAND FILE (counted string)
/* LOWEST VERSION OF NEW MAIL.TXT
/* PAGED BUFFER I/O BYTE COUNT LIMIT
/* SHARED FILE LIMIT
/* OFFSET OF COUNTED STRING OF USER DATA
/* RANDOM PASSWORD SALT
/* WORKING SET SIZE LIMIT

/* FIELD DESCRIBING PRIMARY DAY ACCESS
/* HOURS, FROM 0:00 TO 23:00

/* FLAGS ASSOCIATED WITH PRIMARY DAYS
/* SET DISALLOWS DIAL-IN USE OF ACCOUNT
/* SET DISALLOWS NETWORK USE OF ACCOUNT

/* FIELD DESCRIBING SECONDARY DAY ACCESS
/* HOURS, 0:00 TO 23:00
/* FLAGS ASSOCIATED WITH SECONDARY DAY
/* USAGE: SEE PDAYFLAGS

/* MAXIMUM PROCESSES FOR UIC ALLOWED
/* 0 MEANS NO LIMIT
/* MAXIMUM PROCESSES FOR GROUP ALLOWED
/* 0 MEANS NO LIMIT

/* BITS REPRESENTING PRIMARY DAYS
/* BIT CLEAR MEANS THIS IS A PRIMARY DAY
/* BIT SET MEANS THIS IS AN OFF DAY

/* MAXIMUM DETACHED PROCESSES FOR UIC
/* 0 MEANS NO LIMIT
/* BUFFERED I/O BYTE COUNT LIMIT
/* (longword)
/* USER CLI TABLES
/* Maximum job queuing priority
/* Job-wide Logical Name Table Creation Quota

```



```
FILL_2 byte dimension 19 fill prefix OAFDEF tag $$; /* fixed length field expansion
constant FIXED equals . prefix OAF$ tag K;          /* LENGTH OF FIXED PORTION
constant FIXED equals . prefix OAF$ tag C;          /* LENGTH OF FIXED PORTION
FILL_6 byte dimension 768 fill prefix OAFDEF tag $$; /* variable length field region
constant "LENGTH" equals . prefix OAF$ tag K;
constant "LENGTH" equals . prefix OAF$ tag C;
end OAFDEF;
end_module $OAFDEF;
```


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VAX/VMS V4.0

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